

AMENDMENTS TO THE CLAIMS

24 1 (Currently amended). An apparatus, comprising:
a blood pump;
a main inflow port operably connected to the blood pump;
a main outflow port operably connected to the blood pump; ~~and~~
a supplemental outflow port operably connected to the blood pump, and
a conduit coupled to the supplemental outflow port, the conduit including a structure sized
and configured to occlude a blood vessel and adapted to permit fluid outflow from the conduit only
distal to the structure.

2 (Canceled).

3 (Currently amended). The apparatus of claim 2 1, wherein the supplemental outflow port is connected to a catheter adapted to supply blood to perfuse a vein or artery.

4 (Currently amended). The apparatus of claim 2 1, wherein the supplemental outflow port is connected to a cannula adapted to be positioned in the patient's aorta.

5 (Currently amended). The apparatus of claim 1, ~~wherein the supplemental port is further~~ including a supplemental inflow port.

6 (Original). The apparatus of claim 5, wherein the supplemental inflow port is connected to a catheter connected to a supply of blood.

7 (Original). The apparatus of claim 6, wherein the supply of blood is connected to a catheter adapted to be positioned in the body to remove blood from the patient.

8 (Original). The apparatus of claim 1, further comprising a valve at the supplemental port.

9 (Original). The apparatus of claim 1, wherein the main inflow port is connected to a cannula adapted to be positioned in a patient's atrium or ventricle.

10 (Original). The apparatus of claim 1, wherein the main outflow port is connected to a cannula to be positioned in a patient's aorta.

11 (Original). The apparatus of claim 1, wherein the main outflow port is connected to a cannula to be positioned within a patient's artery.

12 (Original). The apparatus of claim 1, wherein the blood pump is connected to an oxygenator.

13 (Currently amended). An apparatus, comprising:

a4 a blood pump including a main inflow port, a main outflow port, and a supplemental outflow port; and

a perfusion catheter connected to the supplemental outflow port, the catheter including a structure sized and configured to occlude an artery on a heart and adapted to permit fluid outflow from the catheter only distal to the structure adapted to supply blood to ~~an~~ the artery ~~on the heart~~ during a bypass operation on that artery.

14/17 (Canceled).
